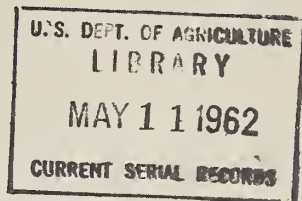


Historic, archived document

Do not assume content reflects current
scientific knowledge, policies, or practices.

1.9
B524W

DIRECTORY



NATIONAL WILDLIFE REFUGES



Canada geese. By P. J. Van Huizen

#427

The 277 National Wildlife Refuges in the United States contained an aggregate of 17,317,610 acres as of June 30, 1960. They are administered by the Bureau of Sport Fisheries and Wildlife. All kinds of wildlife are protected on these refuges, but many were established especially for the conservation of one or more species--210 (3,477,129 acres) as migratory bird refuges for waterfowl; 46 (3,716,972 acres) as general migratory bird refuges, including many colonial nesting areas; two (798 acres) as waterfowl production areas; 14 (5,518,533 acres) as big-game refuges; and five (4,604,178 acres) as game ranges.

In most instances, these refuges are on land controlled solely by the Bureau of Sport Fisheries and Wildlife. Other refuges are established by Executive order or otherwise, on land controlled primarily by some other agency of the Federal Government. When this is the case, reference by footnote is made to the cooperating agency. Of the 210 refuges primarily for migratory waterfowl, 53 are partly or entirely on private lands on which easements have been granted to the Bureau for use in protecting wildlife. Of these, five, totaling 12,373 acres, are in Montana; 47, totaling 66,632 acres, are in North Dakota; and one, with 436 acres, is in South Dakota.



UNITED STATES DEPARTMENT OF THE INTERIOR
FISH AND WILDLIFE SERVICE
BUREAU OF SPORT FISHERIES AND WILDLIFE



State and refuge <u>1/</u>	County	Date estab- lished	Acreage	Class <u>2/</u>	Primarily for:
ALABAMA:					
Wheeler <u>3/</u>	Morgan, Limestone, Madison	7- 7-38	34,988.0	W	Geese, ducks, quail, mourning doves.
ALASKA:					
Judicial divisions:					
Aleutian Islands.	Third	3- 3-13	2,720,235.0	G	Sea otters, Emperor geese, ducks, sea- birds, ptarmigans, brown bears.
Bering Sea.	Second.	2-27-09	41,113.0	G	Eiders, kittiwakes, auklets, puffins, McKay's snow buntings, Arctic foxes.
Bogoslof.	Third	3- 2-09	390.0	G	Gulls, murres, puffins, sea lions.
Chamisso.	Second.	12- 7-12	641.0	G	Kittiwakes, murres, puffins.
Curry Bird, Game and Fish Refuge **	Third	2-21-27	8,960.0	G	.
Forrester Island <u>4/</u> . . .	First	1-11-12	2,832.0	G	Murres, guillemots, auklets, puffins.
Hazen Bay	Fourth.	12-14-37	6,800.0	W	Steller's eiders, cackling geese, pin- tails, brant, Emperor geese.
Hazy Islands <u>4/</u>	First	1-11-12	42.0	G	Murres, auklets, puffins.
Kenai National Moose Range	Third	12-16-41	2,057,197.0	BG	Kenai moose, brown bears, Dall's sheep, mountain goats.
Kodiak.	Third	8-19-41	1,815,000.0	BG	Kodiak bears, black-tailed deer, water- fowl.
Nunivak	Second.	4-15-29	1,109,384.0	BG	Muskoxen, reindeer, ptarmigans, little brown cranes, shorebirds.
Pribilof Islands Reser- vation <u>23/</u>	Third	2-27-09	173.0	G	Seabirds.
St. Lazaria	First	2-27-09	65.0	G	Murres, auklets, puffins.
Semidi.	Third	6-17-32	8,422.0	G	Murres, kittiwakes, eiders, fulmars.
Simeonof.	Third	10-30-58	10,442.0	BG	Sea otter, seabirds, gulls, sea lions.
Tuxedni	Third	2-27-09	6,439.0	G	Eiders, kittiwakes, gulls.
ARIZONA:					
Cabeza Prieta Game Range <u>5/</u>	Yuma, Pima.	1-25-39	860,000.0	GR	Desert bighorn sheep, Mexican prong- horns, peccaries, Gambel's quail, white-winged doves.
Havasu Lake (see also California) <u>6/</u>	Mohave, Yuma. . . .	1-22-41	26,656.5	W	Geese, ducks, Gambel's quail, white- winged doves, herons, desert bighorn sheep, muskrats.
Imperial (see also California) <u>6/</u>	Yuma.	2-14-41	28,711.2	W	Ducks, geese, herons, Gambel's quail, desert bighorn sheep.
Kofa Game Range <u>5/</u>	Yuma.	1-25-39	660,000.0	GR	Desert bighorn sheep, white-winged doves, Gambel's quail.
Salt River <u>6/</u> **	Gila.	2-25-09	21,060.9	W	
ARKANSAS:					
Big Lake.	Mississippi	8- 2-15	9,890.8	W	Ducks, geese, quail, muskrats, rac- coons.
Holla Bend.	Pope.	8-30-57	4,068.0	W	Ducks, geese, herons, bobwhites.
Wapanocca *	Crittenden.		*	W	Geese, ducks, waterbirds.
White River	Arkansas, Desha, Monroe, Phillips.	9- 4-35	116,301.9	W	Ducks, geese, woodcock, herons, black bears, wild turkeys.
CALIFORNIA:					
Clear Lake <u>6/</u>	Modoc	4-11-11	33,559.6	W	White pelicans, geese, shorebirds.
Colusa.	Colusa.	3-31-45	4,039.7	W	Waterfowl.
Farallon.	Marin	2-27-09	91.0	G	Murres, auklets, guillemots, puffins, sea lions.
Havasu Lake (see also Arizona) <u>6/</u>	San Bernardino. . .	1-22-41	19,104.9	W	Geese, ducks, Gambel's quail, white- winged doves, herons, desert bighorn sheep, muskrats.
Imperial (see also Arizona) <u>6/</u>	Imperial.	2-14-41	18,080.2	W	Ducks, geese, herons, Gambel's quail, desert bighorn sheep.
Kern *	Kern.		*	W	Canada geese, ducks.
Lower Klamath (see also Oregon) <u>6/</u>	Siskiyou.	8- 8-08	21,459.6	W	Geese, ducks, herons, shorebirds, Cal- ifornia quail.

See footnotes at end of list.

State and refuge <u>1/</u>	County	Date estab- lished	Acreage	Class <u>2/</u>	Primarily for:
CALIFORNIA (Cont.):					
Merced	Merced	7-30-51	2,561.5	W	Waterfowl.
Modoc *	Modoc		*	W	Great Basin Canada geese, ducks.
Pixley	Tulare	11- 6-58	4,243.7	W	Geese, pintails, mallards, widgeons.
Sacramento.	Glenn, Colusa. . . .	2-27-37	10,775.6	W	Snow geese, cackling geese, Ross' geese, whistling swans, ducks, pheasants, shorebirds.
Salton Sea <u>6/</u>	Imperial	11-25-30	37,326.7	W	Geese, fulvous tree ducks, ibises.
Sutter	Sutter	3-30-45	2,590.9	W	Waterfowl.
Tule Lake <u>6/</u>	Modoc, Siskiyou. . .	10- 4-28	37,336.6	W	White-fronted geese, cackling geese, snow geese, Ross' geese, whistling swans, ducks, muskrats, shorebirds.
COLORADO:					
Monte Vista	Alamosa, Rio Grande	9- 3-52	11,581.4	W	Waterfowl.
DELAWARE:					
Bombay Hook	Kent	6-22-37	13,810.3	W	Greater snow geese, black ducks, blue-winged teal, gadwall, shorebirds.
Killcohook (see also New Jersey)	New Castle	2- 3-34	580.0	W	Waterfowl.
FLORIDA:					
Ancote	Pasco, Pinellas. . .	4- 5-39	208.5	G	Hérons, egrets, cormorants, terns, black skimmers.
Brevard	Brevard.	10-21-25	12.4	G	Brown pelicans, cormorants, herons, egrets, black-necked stilts.
Cedar Keys.	Levy	7-16-29	378.6	G	Brown pelicans, egrets, herons, cormorants.
Chassahowitzka.	Hernando	6-15-43	28,617.1	W	Waterfowl, Florida cranes, limpkins, white ibises.
Great White Heron	Monroe	10-27-38	2,127.9	G	Great white herons, roseate spoonbills, brown pelicans, white-crowned pigeons, key deer.
Island Bay <u>11/ 14/</u>	Charlotte	10-23-08	20.0	G	White ibises, brown pelicans, herons, roseate spoonbills.
Key West.	Monroe	8- 8-08	2,019.2	G	Great white herons, roseate spoonbills, terns, white-crowned pigeons.
Loxahatchee National Wild-life Management Area <u>8/</u>	Palm Beach, Broward	6- 8-51	145,478.4	W	Waterfowl, herons, egrets, Everglade kites, Florida cranes, limpkins.
National Key Deer	Monroe	2- 1-54	6,730.0	BG	Key deer, roseate spoonbills, great white herons, white-crowned pigeons.
Passage Key	Manatee.	10-10-05	36.4	G	Gulls, terns, black skimmers, shorebirds.
Pelican Island.	Indian River . . .	3-14-03	3.0	G	Brown pelicans, white ibises, herons, egrets.
Pinellas.	Pinellas	4- 1-51	278.0	G	Roseate spoonbills, herons, egrets, cormorants, frigate-birds.
Sanibel	Lee	12- 1-45	2,821.4	W	Waterfowl, herons, roseate spoonbills, shorebirds.
St. Marks	Jefferson, Taylor, Wakulla.	10-31-31	65,046.6	W	Canada geese, herons, ducks, limpkins, shorebirds, wild turkeys, deer.
GEORGIA:					
Blackbeard Island	McIntosh	2-15-24	5,617.6	W	Sea turtles, waterfowl, shorebirds, herons, deer.
Okefenokee.	Charlton, Clinch, Ware.	3-30-37	330,973.4	G	Florida cranes, herons, white ibises, ducks, limpkins, alligators, otters, black bears.
Piedmont.	Jones, Jasper. . .	1-18-39	32,074.9	W	Waterfowl, quail, mourning doves, wild turkeys, beavers.
Savannah (see also South Carolina)	Chatham.	4- 6-27	5,413.6	W	Waterfowl, herons, white ibises, otters, raccoons.
Tybee	Chatham.	5- 9-38	100.0	G	Shorebirds.
Wolf Island	McIntosh	4- 3-30	538.0	W	Brown pelicans, shorebirds.

See footnotes at end of list

State and refuge 1/	County	Date estab- lished	Acreage	Class 2/	Primarily for:
HAWAII:					
Hawaiian Islands.	(Pacific Ocean) .	2- 3-09	1,765.0	G	Albatrosses, Laysan teal, frigate-birds, shearwaters, petrels, boobies, terns, shorebirds, Laysan finches.
Johnston Island	(Pacific Ocean) .	6-29-26	100.0	G	Petrels, shearwaters, boobies, tropic-birds, terns.
IDAHO:					
Camas	Jefferson	10- 8-37	10,535.0	W	Canada geese, whistling swans, ducks, sage grouse, pheasants, long-billed curlews, pronghorns.
Deer Flat 6/	Canyon	2-25-09	10,795.2	W	Canada geese, ducks, white pelicans, pheasants, gulls.
Minidoka 6/	Cassia, Blaine, Power, Minidoka.	2-25-09	25,629.8	W	Canada geese, ducks, whistling swans, sage grouse.
Snake River	Canyon	8-17-37	376.4	W	Canada geese, ducks.
ILLINOIS:					
Chautauqua	Mason	12-23-36	4,470.3	W	Mallards, wood ducks, bald eagles.
Crab Orchard	Williamson, Jack- son, Union.	8- 5-47	43,003.3	W	Ducks, geese, quail.
Mark Twain (see also Iowa and Missouri) 7/ 19/	Adams, Calhoun, Jersey, Mercer.	7- 2-47	12,459.0	W	Ducks, geese, herons, bald eagles, gulls, terns, shorebirds, fur animals.
Upper Mississippi River Wild Life and Fish Refuge (see also Iowa, Minnesota, and Wisconsin). 7/ 20/	All counties along the river, north of Alton, except Henderson, Hand- cock, and Pike.	6- 7-24	23,260.8	W	Ducks, herons, egrets, muskrats.
IOWA:					
De Soto (see also Nebraska)	Harrison, Potta- wattamie.	12-13-58	1,855.4	W	Blue, snow, and Canada geese, ducks.
Mark Twain (see also Illi- nois and Missouri) 7/ 19/	DesMoines, Louisa, Muscatine.	7- 2-47	10,328	W	Ducks, geese, herons, bald eagles, gulls, terns, shorebirds, fur animals.
Union Slough.	Kossuth	9-19-38	2,077.4	W	Waterfowl, upland game birds.
Upper Mississippi River Wild Life and Fish Ref- uge (see also Illinois, Minnesota, and Wisconsin) 7/ 20/	All counties along the river, except Lee.	6- 7-24	50,707.2	W	Ducks, herons, egrets, muskrats.
KANSAS:					
Kirwin National Wildlife Management Area 6/	Phillips.	6-17-54	10,864.0	W	Ducks, geese, shorebirds.
Quivira	Stafford, Rice. .	10- 8-55	6,416.5	W	Waterfowl.
KENTUCKY:					
Kentucky Woodlands. . . .	Trigg, Lyon	8-30-38	65,759.0	W	Ducks, geese, wild turkeys, deer.
Reelfoot (see also Tennessee) 13/	Fulton.	8-28-41	809.1	W	Ducks, geese, herons, quail, mourning doves, muskrats, raccoons, mink.
LOUISIANA:					
Breton.	Plaquemines . . .	10- 4-04	7,512.0	G	Waterfowl, brown pelicans, shorebirds, gulls, terns, black skimmers.
Catahoula	LaSalle	10-28-58	5,308.5	W	Waterfowl.
Delta	Plaquemines . . .	11-19-35	48,833.7	W	Blue geese, snow geese, ducks, egrets, shorebirds, alligators.
East Timbalier Island Res- ervation	Terrebonne. . . .	12- 7-07	337.0	G	Brown pelicans, gulls, terns.
Lacassine	Cameron	12-30-37	31,124.5	W	Blue geese, snow geese, mottled ducks, fulvous tree ducks, herons, rails.
Sabine.	Cameron	12- 7-37	142,716.5	W	Blue geese, snow geese, mottled ducks, roseate spoonbills, glossy ibises, herons, muskrats, raccoons, alligators.
Shell Keys.	Iberia.	8-17-07	8.0	G	Brown pelicans, royal terns.

See footnotes at end of list.

State and refuge 1/	County	Date estab- lished	Acreage	Class 2/	Primarily for:
MAINE:					
Moosehorn	Washington.	7- 1-37	22,565.9	W	Woodcock, black ducks, ring-necked ducks, grouse, deer.
MARYLAND:					
Blackwater.	Dorchester.	1-23-33	11,216.3	W	Canada geese, ducks, muskrats, quail.
Chincoteague (see also Virginia)	Somerset.	5-13-43	417.8	W	Greater snow geese, brant, ducks, shorebirds, gulls, terns.
Martin.	Somerset.	12-27-54	3,874.8	W	Ducks, geese.
Susquehanna 16/	Harford, Cecil.	8-24-39	3.7	W	Whistling swans, canvasbacks, red- heads, ruddy ducks, ring-necked ducks.
MASSACHUSETTS:					
Great Meadows	Essex	5- 3-44	216.2	W	Waterfowl.
Monomoy	Barnstable.	6- 1-44	2,695.8	W	Black ducks, eiders, scoters, shore- birds.
Parker River.	Essex	12-30-42	6,403.2	W	Black ducks, greater scaups, Canada geese, shorebirds.
MICHIGAN:					
Huron	Marquette	1-21-38	147.0	G	Cormorants, gulls, terns.
Lake St. Clair 9/ 17/	St. Clair, Macomb	9-21-43	5.0	W	Canada geese, ducks.
Michigan Islands.	Alpena, Charlevoix.	4-18-47	11.9	G	Hérons, gulls, terns.
Seney	Schoolcraft	12-10-35	95,531.0	W	Canada geese, ducks, sandhill cranes, spruce grouse, ruffed grouse, prairie chickens, deer, otters.
Shiawassee.	Saginaw	10-21-53	4,406.4	W	Geese, ducks.
MINNESOTA:					
Mille Lacs.	Mille Lacs.	5-14-15	0.6	G	Gulls, terns, purple martins.
Mud Lake.	Marshall.	3-23-37	60,772.6	W	Geese, ducks, sharp-tailed grouse, moose.
Rice Lake	Aitkin.	10-31-35	15,893.9	W	Waterfowl, muskrats, beavers.
Tamarac	Becker.	5-31-38	34,229.1	W	Waterfowl, deer, ruffed grouse, muskrats, beavers.
Upper Mississippi River Wild Life and Fish Ref- uge (see also Illinois, Iowa, and Wisconsin) 20/ 7/	Houston, Winona, Wabasha, Goodhue.	6- 7-24	33,206.5	W	Ducks, herons, egrets, muskrats.
MISSISSIPPI:					
Horn Island	Jackson	5-14-58	2,484.2	W	Waterfowl, waterbirds, shorebirds.
Noxubee	Winston, Noxubee, Oktibbeha.	6-14-40	44,764.6	W	Wild turkeys, deer, quail, wood ducks, mourning doves.
Petit Bois.	Jackson	5- 6-13	748.7	W	Brown pelicans, herons, gulls, shorebirds.
Yazoo	Washington.	12- 7-36	2,440.0	W	Canada geese, ducks, herons.
MISSOURI:					
Mark Twain (see also Iowa and Illinois) 7/ 19/	St. Charles	7- 2-47	232.0	W	Ducks, geese, herons, bald eagles, gulls, terns, shorebirds, fur animals.
Mingo	Wayne, Stoddard	6- 7-44	21,645.6	W	Geese, ducks, herons, raccoons.
Squaw Creek	Holt	8-23-35	6,809.1	W	Blue geese, snow geese, ducks, white pelicans, muskrats.
Swan Lake	Charlton.	2-27-37	10,678.9	W	Geese, ducks, prairie chickens.
MONTANA:					
Benton Lake	Cascade, Chouteau	11-21-29	12,382.5	W	Geese, ducks, shorebirds.
Black Coulee.	Blaine.	1-28-38	1,480.0	W	Waterfowl, sage grouse.
Bowdoin 6/	Phillips.	2-14-36	15,436.6	W	Canada geese, ducks, white pelicans, herons, cormorants, sage grouse, pronghorns.
Creedman Coulee	Hill.	10-25-41	2,728.0	W-E	Waterfowl, prairie chickens, sage grouse, shorebirds.
Fort Peck Game Range 5/ 7/	Valley, Garfield, Petroleum, Fergus, Phillips, McCone.	12-11-36	375,237.9 575,589.0	GR 21/ G	Sharp-tailed grouse, sage grouse, pronghorn, deer, mountain sheep, elk, waterfowl.
Hailstone	Stillwater.	12-31-42	2,240.0	W-E	Waterfowl, sage grouse.

See footnotes at end of list.

State and refuge 1/	County	Date estab- lished	Acreage	Class 2/	
MONTANA (Cont.)					
Halfbreed Lake	Stillwater	5-19-42	3,096.8	W-E	Waterfowl, sage grouse.
Hewitt Lake	Phillips	3- 7-38	1,680.9	W	Waterfowl, sage grouse.
Lake Mason	Musselshell	6- 2-41	18,883.0	W	Ducks, sharp-tailed grouse, sage grouse, muskrats.
Lake Thibadeau	Hill	9-23-37	3,508.5	W-E	Ducks, sharp-tailed grouse, sage grouse.
Lamesteer	Wibaux	5-19-42	800.0	W-E	Waterfowl, sharp-tailed grouse.
Medicine Lake	Roosevelt, Sheridan	8-19-35	31,457.4	W	Geese, ducks, sandhill cranes, sharp- tailed grouse, shorebirds, gulls, terns, muskrats.
National Bison Range . .	Sanders, Lake . . .	5-23-08	18,540.7	BG	Buffalo, elk, deer, bighorn sheep.
Nine-Pipe 10/	Lake	6-25-21	2,022.0	W	Geese, ducks, shorebirds, pheasants, muskrats.
Pablo 10/	Lake	6-25-21	2,542.0	W	Geese, ducks, pheasants, shorebirds, muskrats.
Pishkun 6/	Teton	12-17-12	8,194.8	W	Ducks, sharp-tailed grouse, gray par- tridge, shorebirds.
Red Rock Lakes Migratory Waterfowl Refuge	Beaverhead	4-22-35	39,943.4	W	Trumpeter swans, Shiras moose.
Wild Horse	Petroleum	11- 6-58	3,200.0	W	Ducks, geese, waterbirds.
Willow Creek 6/	Lewis and Clark . .	2-25-09	3,118.9	W	Geese, ducks, sharp-tailed grouse, shorebirds.
NEBRASKA:					
Crescent Lake	Garden	3-16-31	46,534.3	W	Geese, ducks, sandhill cranes, long- billed curlews, pronghorns.
De Soto (see also Iowa) .	Washington	12-12-58	4,229.9	W	Blue, snow, and Canada geese, ducks.
Fort Niobrara	Cherry	1-11-12	19,122.3	BG	Buffalo, Texas long-horned cattle, elk, prairie chickens, sharp-tailed grouse, beavers.
North Platte 6/	Scottsbluff, Sioux	8-21-16	5,107.0	W	Sandhill cranes, waterfowl, quail, pheasants.
Valentine	Cherry	8-14-35	71,515.6	W	Ducks, geese, sharp-tailed grouse, pheasants, shorebirds, muskrats.
NEVADA:					
Anaho Island	Washoe	9- 4-13	247.7	G	White pelicans, cormorants, gulls.
Charles Sheldon Antelope Range (see also Oregon) 5/	Washoe, Humboldt .	12-21-36	520,524.9	GR 21/	Pronghorns, mule deer, sage grouse, waterfowl.
Desert Game Range 5/ . .	Clark, Lincoln . .	5-20-36	2,188,415.1	BG GR 21/	Bighorn sheep, mule deer, Gambel's quail, mourning doves.
Fallon 6/	Churchill	4-22-31	17,901.9	W	Waterfowl, California quail, pheasants.
Ruby Lake	Elko, White Pine . .	7- 2-38	35,697.7	W	Canada geese, ducks, sage grouse, sandhill cranes, shorebirds.
Sheldon National Antelope Refuge	Washoe	1-26-31	34,131.3	BG	Pronghorns, mule deer, sage grouse, waterfowl.
Stillwater National Wild- life Refuge and Manage- ment Area 15/	Churchill	11-26-48	24,203.4	24/ W	Whistling swans, geese, ducks, herons, shorebirds, muskrats.
Winnemucca 6/	Pershing, Washoe . .	8-19-36	9,805.8	W	Waterfowl, white pelicans, gulls.
NEW JERSEY:					
Brigantine	Atlantic	10- 5-39	12,854.5	W	Brant, ducks, shorebirds, gulls, terns, rails.
Killcohook (see also Delaware)	Salem	2- 3-34	906.5	W	Waterfowl, muskrats.
Troy Meadows	Morris	7- 1-58	1,089.0	W	Blue-winged teal, black ducks, shovelers.
NEW MEXICO:					
Bitter Lake	Chaves	10- 8-37	24,083.7	W	Waterfowl, little brown cranes, scaled quail.
Bosque del Apache	Socorro	11-22-39	57,191.1	W	Ducks, geese, Mexican ducks, Gambel's quail, scaled quail.
San Andres 4/ 5/	Dona Ana	1-22-41	57,215.5	BG	Bighorn sheep, mule deer, white-winged doves, Harlequin quail, Gambel's quail, scaled quail.

See footnotes at end of list.

State and refuge 1/	County	Date estab- lished	Acreage	Class 2/	Primarily for:
NEW YORK:					
Elizabeth Alexandra Morton	Suffolk	12-27-54	187.0	W	Waterfowl.
Montezuma	Seneca	9-12-38	6,776.7	W	Geese, ducks, muskrats.
Oak Orchard	Genesee, Orleans . .	5-19-58	3,144.0	W	Canada geese, ducks, herons, muskrats.
Wertheim 18/	Suffolk	6- 7-47	11.2	W	Waterfowl.
NORTH CAROLINA:					
Mackay Island *	Currituck		*	W	Greater snow geese, ducks.
Mattamuskeet	Hyde	12-18-34	50,177.3	W	Canada geese, whistling swans, ducks, herons, deer, raccoons.
Pea Island	Dare	4- 8-38	5,880.1	W	Greater snow geese, brant, Canada geese, ducks, shorebirds, gulls, terns, otters.
Swanquarter	Hyde	6-23-32	15,500.8	W	Whistling swans, scaups, buffleheads.
NORTH DAKOTA:					
Appert Lake	Emmons	5-10-39	1,160.7	W-E	Waterfowl.
Ardoch	Walsh	6-12-39	2,676.6	W-E	Whistling swans, geese, ducks, white pelicans, muskrats.
Arrowwood	Stutsman, Foster . .	9- 4-35	15,934.4	W	Whistling swans, geese, ducks, prairie chickens, sharp-tailed grouse, pheasants.
Billings Lake	Cavalier	5-10-39	760.0	W-E	Waterfowl, upland game birds.
Bone Hill	LaMoure	5-10-39	640.0	W-E	Waterfowl.
Brumba	Towner	6-12-39	1,977.5	W-E	Waterfowl.
Buffalo Lake	Pierce	5-10-39	2,096.4	W-E	Ducks, sharp-tailed grouse, prairie chickens, pheasants.
Camp Lake	McLean	5-10-39	1,224.7	W-E	Waterfowl.
Canfield Lake	Burleigh	5-10-39	453.1	W-E	Waterfowl.
Chase Lake	Stutsman	8-28-08	1,921.7	W	White pelicans, ducks, geese.
Cottonwood Lake	McHenry	6-12-39	1,013.5	W-E	Waterfowl.
Dakota Lake	Dickey	5-10-39	2,756.0	W-E	Waterfowl.
Des Lacs	Burke, Ward	8-22-35	18,881.0	W	Ducks, geese, grebes, sharp-tailed grouse, deer, muskrats.
Flickertail	Emmons	5-10-39	640.0	W-E	Waterfowl.
Florence Lake	Burleigh	5-10-39	668.9	W-E	Waterfowl.
Half-Way Lake	Stutsman	5-10-39	160.0	W-E	Waterfowl, pheasants.
Hiddenwood	McLean, Ward	6-12-39	568.4	W-E	Waterfowl, pheasants.
Hobart Lake	Barnes	6-12-39	1,840.7	W-E	Waterfowl, muskrats.
Hutchinson Lake	Kidder	5-10-39	478.9	W-E	Waterfowl.
Johnson Lake	Nelson, Eddy	5-10-39	2,007.9	W-E	Geese, ducks, sharp-tailed grouse, prairie chickens.
Kellys Slough	Grand Forks	3-19-36	1,620.0	W	Geese, ducks, gray partridge, sharp-tailed grouse, muskrats.
Lac Aux Mortes	Ramsey	12-21-48	5,881.8	W-E	Geese, ducks, sharp-tailed grouse, prairie chickens, gray partridge, muskrats.
Lake Elsie	Richland	6-12-39	634.7	W-E	Waterfowl.
Lake George	Kidder	6-12-39	3,118.8	W-E	Waterfowl, grouse.
Lake Ilo	Dunn	6-12-39	3,963.6	W	Ducks, sharp-tailed grouse, gray partridge, pheasants.
Lake Nettie	McLean	6-12-39	1,800.0	W-E	Waterfowl, gulls.
Lake Zahl	Williams	6-12-39	3,856.8	W	Waterfowl, upland game birds, shorebirds, muskrats.
Lambs Lake	Nelson	6-12-39	1,286.7	W-E	Waterfowl, sharp-tailed grouse, gray partridge.
LaMoure County	LaMoure	10- 1-59	638.4	WPA	Waterfowl nesting.
Little Goose	Grand Forks	5-10-39	359.0	W-E	Waterfowl, gray partridge, pheasants, shorebirds.
Long Lake	Burleigh, Kidder . .	2-25-32	22,310.2	W	Geese, ducks, Franklin's gulls, pheasants, gray partridge, sharp-tailed grouse, shorebirds.
Lords Lake	Bottineau, Rolette	5-10-39	1,915.3	W-E	Waterfowl.
Lost Lake	McLean	5-10-39	960.3	W-E	Waterfowl.
Lostwood	Burke, Mountrail . .	9- 4-35	26,747.5	W	Waterfowl, sharp-tailed grouse, sandhill cranes, shorebirds, muskrats.

See footnotes at end of list.

State and refuge 1/	County	Date estab- lished	Acreage	Class 2/	Primarily for:
NORTH DAKOTA (Cont.):					
Lower Souris.	Bottineau, McHenry	9-4-35	58,693.5	W	Geese, ducks, grebes, white pelicans, prairie chickens, sharp-tailed grouse, deer, muskrats.
Maple River	Dickey.	6-12-39	1,120.0	W-E	Waterfowl, prairie chickens, pheasants.
McLean.	McLean.	6-12-39	680.0	W	Waterfowl.
Pleasant Lake	Benson.	6-12-39	1,001.0	W-E	Waterfowl, upland game birds.
Pretty Rock	Grant	2- 3-41	800.0	W-E	Waterfowl, upland game birds.
Rabb Lake	Rolette	12-21-48	260.8	W-E	Waterfowl.
Rock Lake	Towner.	6-12-39	5,506.6	W-E	Waterfowl, muskrats.
Rose Lake	Nelson.	12-21-48	872.1	W-E	Waterfowl, upland game birds.
School Section Lake	Rolette	12-21-48	679.7	W-E	Waterfowl.
Shell Lake.	Mountrail.	6-12-39	1,835.1	W-E	Waterfowl.
Sheyenne Lake	Sheridan.	12-21-48	797.3	W-E	Waterfowl, prairie chickens.
Sibley Lake	Griggs.	6-12-39	1,077.4	W-E	Geese, ducks, sharp-tailed grouse, prairie chickens, pheasants.
Silver Lake	Benson, Ramsey. . . .	12-21-48	3,347.6	W-E	Geese, waterfowl.
Slade	Kidder.	10-10-44	3,000.2	W	Waterfowl, sharp-tailed grouse, prairie chickens, deer
Snake Creek 7/.	McLean.	5-25-56	13,498.0	W	Waterfowl.
Snyder Lake	Towner.	2- 3-41	1,550.2	W-E	Waterfowl.
Springwater	Emmons.	2- 3-41	640.0	W-E	Waterfowl.
Stewart Lake.	Slope	2- 3-41	2,230.4	W-E	Waterfowl, sharp-tailed grouse.
Stoney Slough	Barnes.	2- 3-41	1,908.0	W-E	Ducks, gray partridge, pheasants.
Storm Lake.	Sargent	12-21-48	685.9	W-E	Waterfowl, muskrats.
Stump Lake.	Nelson.	3- 9-05	27.4	G	Whistling swans, geese, ducks, white pelicans.
Sullys Hill National Game Preserve.	Benson.	6-30-14	1,991.4	BG	Buffalo, elk, deer, geese.
Sunburst Lake	Emmons.	2- 3-41	495.0	W-E	Waterfowl.
Tewaukon.	Sargent	6-26-45	5,585.2	W	Waterfowl, pheasants, muskrats.
Tomahawk.	Barnes.	2- 3-41	440.0	W-E	Waterfowl.
Upper Souris.	Renville, Ward. . . .	8-27-35	32,085.2	W	Geese, ducks, sharp-tailed grouse, prairie chickens, pheasants, sandhill cranes, shorebirds, muskrats, deer.
White Lake.	Slope.	2- 3-41	1,040.0	W	Waterfowl.
Wild Rice Lake.	Sargent	12-21-48	778.8	W-E	Waterfowl.
Willow Lake	Rolette	12-21-48	2,847.7	W-E	Waterfowl, sharp-tailed grouse.
Wintering River	McHenry	2- 3-41	399.1	W-E	Waterfowl.
Wood Lake	Benson.	12-21-48	280.0	W-E	Waterfowl, muskrats.
OHIO:					
West Sister Island. . . .	Lucas	8- 2-38	82.0	G	Great blue herons, black-crowned night herons.
OKLAHOMA:					
Salt Plains	Alfalfa	3-26-30	32,431.1	W	Geese, ducks, white pelicans, quail, Franklin's gulls, herons, shorebirds.
Tishomingo.	Johnston, Marshall	1-24-46	16,619.0	W	Geese, ducks, herons, shorebirds, quail.
Washita *	Custer.	*	*	W	Ducks, geese.
Wichita Mountains Wild- life Refuge.	Comanche.	2- 2-05	59,019.6	BG	Buffalo, elk, pronghorns, Texas long- horned cattle, deer, wild turkeys, quail, ducks, Mississippi kite.
OREGON:					
Cape Meares	Tillamook	8-19-38	138.5	G	Shorebirds, band-tailed pigeons, black- tailed deer.
Charles Sheldon Antelope Range(see also Nevada)5/	Lake.	12-21-36	627.5	BG	Pronghorn, mule deer, sage grouse, waterfowl.
Cold Springs 6/	Umatilla.	2-25-09	3,116.8	W	Waterfowl, herons, shorebirds.
Hart Mountain National Antelope Refuge.	Lake.	12-21-36	239,933.0	BG 22/	Pronghorn, mule deer, sage grouse, valley quail, waterfowl.
Klamath Forest.	Klamath	6-12-58	584.9	W	Diving ducks, geese, waterbirds.
Lower Klamath (see also California) 6/	Klamath	8- 8-08	1,340.0	W	Geese, ducks, herons, shorebirds, California quail.

See footnotes at end of list.

State and refuge <u>1/</u>	County	Date estab- lished	Acreage	Class <u>2/</u>	Primarily for:
OREGON (Cont.):					
Malheur	Harney.	8-18-08	184,871.8	W	Whistling swans, ducks, sage grouse, valley quail, sandhill cranes, white pelicans, herons, ibises, shorebirds, pronghorns, mule deer.
McKay Creek <u>6/</u>	Umatilla.	6- 7-27	1,836.5	W	Waterfowl, herons, shorebirds.
Oregon Islands.	Curry	5- 6-35	21.0	G	Cormorants, gulls, murre, puffins.
Three Arch Rocks.	Tillamook	10-14-07	17.0	G	Cormorants, gulls, murre, puffins.
Upper Klamath <u>6/</u>	Klamath	4- 3-28	12,532.8	W	Geese, ducks, herons, cormorants.
PENNSYLVANIA:					
Erie.	Crawford.	5-22-59	1,558.8	W	Ducks, geese, waterbirds.
PUERTO RICO:					
Culebra	Humacao District. .	2-27-09	3,000.0	G	Bahama ducks, herons, gulls, terns.
SOUTH CAROLINA:					
Cape Romain	Charleston.	6- 6-32	34,716.0	W	Geese, ducks, wild turkeys, brown pelicans, shorebirds, rails, terns, deer, sea turtles, alligators.
Carolina Sandhills.	Chesterfield.	3-17-39	44,927.4	W	Quail, wild turkeys, wood ducks.
Santee <u>12/</u>	Clarendon, Berkeley	7-31-41	73,953.2	W	Waterfowl, herons, raccoons, otters.
Savannah (see also Georgia)	Jasper.	4- 6-27	7,229.7	W	Waterfowl, herons, white ibises, otters, raccoons.
SOUTH DAKOTA:					
Bear Butte.	Meade	12-21-48	436.0	W-E	Waterfowl.
Belle Fourche <u>6/</u>	Butte	2-25-09	13,680.0	W	Herons, waterfowl, shorebirds, gulls.
Day County.	Day	1-19-59	160.0	WPA	Waterfowl nesting.
Lacreek	Bennett	8-26-35	9,442.0	W	Geese, ducks, sandhill cranes, pheasants, sharp-tailed grouse, shorebirds, muskrats.
Lake Andes.	Charles Mix	2-14-36	442.7	W	Geese, ducks, shorebirds.
Sand Lake	Brown	9- 4-35	21,450.9	W	Geese, ducks, pheasants, prairie chickens, Franklin's gulls, gray partridge, white pelicans, cormorants, muskrats.
Waubay.	Day	12-10-35	4,649.7	W	Ducks, geese, pheasants, Franklin's gulls, shorebirds, muskrats, deer.
TENNESSEE:					
Lake Isom	Lake, Obion	8-12-38	1,849.9	W	Ducks, herons, mourning doves.
Reelfoot <u>13/</u>	Lake, Obion	8-28-41	9,092.3	W	Ducks, geese, herons, quail, mourning doves, muskrats, raccoons, mink.
Tennessee <u>3/</u>	Henry, Benton, Humphreys, Decatur.	12-28-45	50,819.0	W	Geese, ducks, herons.
TEXAS:					
Aransas	Aransas, Refugio, Calhoun.	12-31-37	47,261.2	W	Whooping cranes, sandhill cranes, roseate spoonbills, egrets, herons, geese, ducks, wild turkeys, shorebirds, hawks, deer, peccaries.
Buffalo Lakes	Randall	11- 6-58	7,663.9	W	Mallards, teal, widgeons, redheads.
Hagerman.	Grayson	2- 9-46	11,319.8	W	Geese, ducks, herons, shorebirds, quail.
Laguna Atascosa	Cameron	3-29-46	41,767.5	W	Geese, ducks, herons, ibises, shorebirds, gulls, terns, doves.
Muleshoe.	Bailey.	10-24-35	5,809.1	W	Canada geese, ducks, sandhill cranes, scaled quail, shorebirds.
Santa Ana	Hidalgo	9- 1-43	1,980.5	G	Tree ducks, mottled ducks, herons, egrets, ibises, least grebes, doves, red-billed pigeons, chachalacas, green jays.

See footnotes at end of list.

State and refuge 1/	County	Date estab- lished	Acreage	Class 2/	Primarily for:
UTAH:					
Bear River Migratory Bird Refuge	Box Elder.	4-23-28	64,899.6	W	Whistling swans, Canada geese, ducks, grebes, white pelicans, shorebirds, muskrats.
Fish Springs.	Juab	3-10-59	17,872.2	W	Waterfowl, greater sandhill crane, shorebirds.
Locomotive Springs. . . .	Box Elder.	9-29-31	1,031.0	W	Waterfowl.
Ouray *	Uintah		*	W	Great Basin Canada geese, ducks, waterbirds.
Strawberry Valley ** . .	Wasatch.	2-25-09	14,080.0	W	Mallards, gadwalls, pintails, sage grouse.
VERMONT:					
Missisquoi.	Franklin	12-21-48	3,556.5	W	Canada geese, ducks, woodcock.
VIRGINIA:					
Back Bay.	Princess Anne. . .	6- 6-38	4,588.8	W	Whistling swans, greater snow geese, ducks, shorebirds, muskrats.
Chincoteague (see also Maryland)	Accomack	5-13-43	9,029.9	W	Greater snow geese, brant, ducks, shorebirds, gulls, terns.
Presquile	Chesterfield . . .	6-12-52	1,328.9	W	Geese, ducks.
WASHINGTON:					
Columbia.	Adams, Grant . . .	9- 6-44	27,693.3	W	Waterfowl.
Copalis	Grays Harbor . . .	10-23-07	5.0	G	Cormorants, petrels, murre, auklets, guillemots, puffins.
Dungeness 14/	Clallam.	1-20-15	556.5	W	Black brant, ducks, shorebirds.
Flattery Rocks.	Clallam.	10-23-07	125.0	G	Auklets, petrels, guillemots, puffins, shorebirds.
Jones Island.	San Juan	3-30-37	179.1	G	White-winged scoters, band-tailed pigeons, cormorants, gulls.
Little Pend Oreille . . .	Stevens.	5- 2-39	41,707.6	BG 22/	Franklin's grouse, blue grouse, ruffed grouse, deer, black bears, waterfowl.
Matia Island.	San Juan	3-30-37	2,251.3 145.0	W G	Cormorants, guillemots, harlequin ducks, scoters, band-tailed pigeons.
McNary National Wildlife Management Area 7/	Walla Walla. . . .	12-29-55	2,849.1	W	Waterfowl.
Quillayute Needles. . . .	Clallam, Jefferson	10-23-07	117.0	G	Petrels, auklets, puffins, cormorants, shorebirds.
Smith Island.	Island	6- 6-14	65.0	W	Black brant, tufted puffins, gulls.
Turnbull.	Spokane.	7-30-37	17,171.2	W	Ducks, geese, ruffed grouse, valley quail, shorebirds.
Willapa	Pacific.	1-22-37	7,680.4	W	Black brant, Canada geese, ducks, shorebirds, blue grouse, black bears, black-tailed deer, raccoons.
WISCONSIN					
Gravel Island	Door	1- 9-13	27.0	G	Herons, gulls, Caspian terns.
Green Bay	Door	2-21-12	2.0	G	Herring gulls, Caspian terns.
Horicon	Dodge, Fond du Lac	7-16-41	20,795.9	W	Canada geese, ducks, whistling swans, muskrats.
Long Tail Point	Brown.	10-23-36	103.0	W	Waterfowl.
Necedah	Juneau, Wood . . .	3-14-39	39,607.0	W	Canada geese, ducks, deer, ruffed grouse, sharp-tailed grouse, prairie chickens, beavers, muskrats, mink.
Trempealeau	Trempealeau. . . .	8-22-36	706.9	W	Waterfowl, American egrets.
Upper Mississippi River Wild Life and Fish Refuge (see also Illi- nois, Iowa, Minnesota) 7/ 20/	Crawford, Buffalo, Vernon, Trempea- leau, Grant, LaCrosse.	6- 7-24	87,986.8	W	Ducks, herons, egrets, muskrats.
WYOMING:					
Bamforth.	Albany	1-29-32	1,166.0	W	Waterfowl, shorebirds, pronghorns.
Hutton Lake	Albany	1-28-32	1,968.3	W	Waterfowl, shorebirds, pronghorns.
National Elk Refuge . . .	Teton.	8-10-12	23,790.1	BG	Elk, trumpeter swans, sandhill cranes, sage grouse, mule deer, beavers, muskrats.
Pathfinder 6/	Natrona, Carbon. .	2-25-09	46,341.0	W	Waterfowl, shorebirds, pronghorns.

See footnotes at end of list.

FOOTNOTES

- 1/ Unless otherwise designated, add "National Wildlife Refuge" to the name of each area.
- 2/ W = Waterfowl, W-E = Waterfowl, Easement, G = General, WPA = Waterfowl Production Area, BG = Big Game, GR = Game Range.
- 16/ Remainder of area closed by Presidential Proclamation.
- 17/ 4,200 acres closed by Presidential Proclamation.
- 18/ An additional 1,788 acres bequeathed the Service in life estate.
- 19/ Additional land in Federal ownership leased to the State for refuge purposes.
- 20/ Includes all lands acquired under the 1924 establishing act and those acquired by the Department of the Army, both within and without the original refuge boundaries, which are now administered as a single refuge unit. The three types of ownership are listed and counted separately in realty records.
- 21/ Counted only once, as Game Range.
- 22/ Counted only once, as Big Game Refuge.
- 24/ See also "Custodial Wildlife Areas."
- * Refuge in process of establishment; not counted in totals.
- ** Refuge in process of abandonment; counted in totals.

The following footnotes show the agencies on lands of which, in whole or in part, certain refuges of the Bureau of Sport Fisheries and Wildlife have been established:

- 3/ Tennessee Valley Authority.
- 4/ Forest Service, United States Department of Agriculture.
- 5/ Bureau of Land Management, United States Department of the Interior.
- 6/ Bureau of Reclamation, United States Department of the Interior.
- 7/ Department of the Army, Department of Defense.
- 8/ Central and Southern Florida Flood Control Districts control part of the land.
- 9/ Michigan Conservation Department.
- 10/ Bureau of Indian Affairs, United States Department of the Interior.
- 11/ Department of the Navy, Department of Defense.
- 12/ South Carolina Public Service Authority.
- 13/ Tennessee Department of Conservation.
- 14/ Coast Guard, Department of the Treasury.
- 15/ Truckee-Carson Irrigation District and Nevada Fish and Game Commission.
- 23/ Bureau of Commercial Fisheries.

LANDS ADJACENT TO NATIONAL WILDLIFE REFUGE.

CLOSED TO HUNTING BY PROCLAMATION

OR SECRETARY'S ORDER

Under the authority contained in the Migratory Bird Treaty Act, the Secretary may, by regulation, close any area of land and water to the hunting of migratory birds when such action is in keeping with the national waterfowl management program. Formerly, such closures were effected by a Presidential proclamation, which authority has now been delegated to the Secretary of the Interior along with the authority to promulgate the Migratory Bird Treaty Act regulations. This authority is utilized primarily to designate as closed to the hunting of migratory birds on navigable waters adjacent to National Wildlife Refuges. Wherever such a regulation has been promulgated, it prohibits only the hunting of migratory birds and does not in any way limit such other activities as navigation, fishing, etc.

<u>State</u>	<u>Adjacent Unit</u>	<u>Acres</u>	<u>State</u>	<u>Adjacent Unit</u>	<u>Acres</u>
Alabama	Wheeler	925	Michigan	Lake St. Clair	4,200
Arkansas	Big Lake	*	Montana	Red Rock Lakes	*
"	Holla Bend	2,732	North Carolina	Pea Island	25,700
"	White River	*	" "	Swanquarter	24,437
Delaware	Bombay Hook	1,392	Oregon	Malheur	4,500
Florida	St. Marks	24,709	South Carolina	Cape Romain	20,836
"	Sanibel	17,187	" "	Santee	3,009
Georgia	Savannah	682	" "	Savannah	247
Illinois	Horseshoe Lake **	9,000	Texas	Aransas	12,934
Iowa, Minn., & Wis.	Upper Mississippi	3,100	Virginia	Back Bay	4,336
Louisiana	Lacassine	474	"	Presquile	1,007
Maryland	Susquehanna	13,363	Washington	Willapa	21,000
Massachusetts	Parker River	1,376	Total		197,146

* Area described in closing order includes only acquired land.

** Not adjacent to a National Wildlife Refuge.

*CUSTODIAL WILDLIFE AREAS

State and area	County	Date estab- lished	Acreage	Primarily for:
ILLINOIS:				
Mississippi River 7/	All counties along the river from Rock Island to St. Louis except Hancock.	5- 3-54	28,141.0	Ducks, geese, herons, bald eagles, gulls, terns, shorebirds, fur animals.
IOWA:				
Mississippi River 7/	Louisa, Jackson . . .	4-30-54	6,581.0	Ducks, geese, herons, bald eagles, gulls, terns, shorebirds, fur animals.
MINNESOTA:				
Beltrami	Beltrami, Roseau, Lake of the Woods.	3- 6-42	81,700.0	Upland game birds, deer, caribou.
Mississippi River 7/	Dakota, Goodhue . .	4-15-54	3,574.8	Ducks, geese, herons, bald eagles, gulls, terns, shorebirds, fur animals.
MISSOURI:				
Mississippi River 7/	Lewis, Marion, Ralla, Pike, Lin- coln, St. Charles.	5- 5-54	12,368.0	Ducks, geese, herons, bald eagles, gulls, terns, shorebirds, fur animals.
NEVADA:				
Railroad Valley. . .	Nye	5- 2-34	133,397.1	Waterfowl, sage grouse, shorebirds.
Stillwater	Churchill	11-26-48	119,663.0	Geese, ducks, herons, shorebirds, muskrats.
NEW YORK:				
New York (10 sites)	Jefferson, Oswego, Schuyler, Tompkins, Chautauqua, Alle- gany, Livingston, Ontario, Yates, Madison, Delaware, Albany.	8-21-42	47,186.9	Upland game birds, fur animals.
NORTH CAROLINA:				
**North Carolina . . .	Moore, Richmond, Scotland.	9-24-40	5,620.0	Quail, wild turkeys, deer.
NORTH DAKOTA:				
Lake Patricia. . . .	Morton.	6-29-55	794.2	Waterfowl.
Snake Creek.	McLean.	5-26-56	11,428.4	Waterfowl.
SOUTH CAROLINA:				
Carolina Sandhills .	Chesterfield, Darlington.	8- 8-40	46,461.5	Quail, deer, wild turkeys.
WISCONSIN:				
Necedah.	Jackson, Monroe, Juneau, Wood.	5-28-41	58,082.5	Deer, grouse, fur animals.

*These custodial wildlife areas are Government-owned properties on lease to the various States. Part of them consists of lands purchased by the Resettlement Administration and the Soil Conservation Service in their land retirement program, and part by the Corps of Engineers. Since the best use of these areas was for wildlife production, they were transferred or made available to the Department of the Interior by Executive order or agreement and placed under the supervision of the Bureau of Sport Fisheries and Wildlife. All of these lands are actively administered for wildlife by responsible State agencies under long-term contracts on the basis of plans approved by the Bureau of Sport Fisheries and Wildlife.

**The North Carolina area is under permit to the Department of the Army.

Page		INDEX	
Aleutian Islands	2	Flattery Rocks	10
Anaho Island	6	Flickertail	7
Anclote	3	Florence Lake	7
Appert Lake	7	Forrester Island	2
Aransas	9	Fort Niobrara	6
Ardoch	7	Fort Peck	5
Arrowwood	7		
		Gravel Island	10
Back Bay	10	Great Meadows	5
Bamforth	10	Great White Heron	3
Bear Butte	9	Green Bay	10
Bear River	10		
Belle Fourche	9	Hagerman	9
Benton Lake	5	Hailstone	5
Bering Sea	2	Halfbreed Lake	6
Big Lake	2	Half-Way Lake	7
Billings Lake	7	Hart Mountain	8
Bitter Lake	6	Havasut Lake	2
Blackbeard Island	3	Hawaiian Islands	4
Black Coulee	5	Hazen Bay	2
Blackwater	5	Hazy Islands	2
Bogoslof	2	Hewitt Lake	6
Bombay Hook	3	Hiddenwood	7
Bone Hill	7	Hobart Lake	7
Bosque del Apache	6	Holla Bend	2
Bowdoin	5	Horicon	10
Breton	4	Horn Island	5
Brevard	3	Huron	5
Brigantine	6	Hutchinson Lake	7
Brumba	7	Hutton Lake	10
Buffalo Lake	7		
Buffalo Lakes	9	Imperial	2
		Island Bay	3
Cabeza Prieta	2		
Camas	4	Johnson Lake	7
Camp Lake	7	Johnston Island	4
Canfield Lake	7	Jones Island	10
Cape Meares	8		
Cape Romain	9	Kellys Slough	7
Carolina Sandhills	9	Kenai	2
Catahoula	4	Kentucky Woodlands	4
Cedar Keys	3	Kern	2
Chamisso	2	Key West	3
Charles Sheldon	6, 8	Killcohook	3, 6
Chase Lake	7	Kirwin	4
Chassahowitzka	3	Klamath Forest	8
Chautauqua	4	Kodiak	2
Chincoteague	5, 10	Kofa	2
Clear Lake	2		
Cold Springs	8	Lacassine	4
Columbia	10	Lac Aux Mortes	7
Colusa	2	Lacreek	9
Copalis	10	Laguna Atascosa	9
Cottonwood Lake	7	Lake Andes	9
Crab Orchard	4	Lake Elsie	7
Creedman Coulee	5	Lake George	7
Crescent Lake	6	Lake Ilo	7
Culebra	9	Lake Isom	9
		Lake Mason	6
Dakota Lake	7	Lake Nettie	7
Day County	9	Lake St. Clair	5
Deer Flat	4	Lake Thibadeau	6
Delta	4	Lake Zahl	7
Desert Game Range	6	Lams Lake	7
Des Lacs	7	Lamesteer	6
De Soto	4, 6	LaMoure County	7
Dungeness	10	Little Goose	7
		Little Pend Oreille	10
E. Timbalier Island	4	Locomotive Springs	10
Elizabeth Morton	7	Long Lake	7
Erie	9	Long Tail Point	10
		Lords Lake	7
Fallon	6	Lost Lake	7
Farallon	2	Lostwood	7
Fish Springs	10	Lower Klamath	2, 8
		Lower Souris	8
		Loxahatchee	3
		Mackay Island	7
		Malheur	9
		Maple River	8
		Mark Twain	4, 5
		Martin	5
		Matia Island	10
		Mattamuskeet	7
		McKay Creek	9
		McLean	8
		McNary	10
		Medicine Lake	6
		Merced	3
		Michigan Islands	5
		Mille Lacs	5
		Mingo	5
		Minidoka	4
		Missisquoi	10
		Modoc	3
		Monomoy	5
		Monte Vista	3
		Moosehorn	5
		Montezuma	7
		Mud Lake	5
		Muleshoe	9
		National Bison Range	6
		National Elk	10
		National Key Deer	3
		Necedah	10
		Nine-Pipe	6
		North Platte	6
		Noxubee	5
		Nunivak	2
		Oak Orchard	7
		Okefenokee	3
		Oregon Islands	9
		Ouray	10
		Pablo	6
		Parker River	5
		Passage Key	3
		Pathfinder	10
		Pea Island	7
		Pelican Island	3
		Petit Bois	5
		Piedmont	3
		Pinellas	3
		Pishkun	6
		Pixley	3
		Pleasant Lake	8
		Presquile	10
		Pretty Rock	8
		Pribilof Islands	2
		Quillayute Needles	10
		Quivira	4
		Rabb Lake	8
		Red Rock Lakes	6
		Reelfoot	4, 9
		Rice Lake	5
		Rock Lake	8
		Rose Lake	8
		Ruby Lake	6
		Sabine	4
		Sacramento	3
		St. Lázaria	2
		St. Marks	3
		Salton Sea	3
		Salt Plains	8
		Salt River	2
		San Andres	6
		Sand Lake	9
		Sanibel	3
		Santa Ana	9
		Santee	9
		Savannah	3, 9
		School Section Lake	8
		Semidi	2
		Seney	5
		Sheldon	6
		Shell Keys	4
		Shell Lake	8
		Sheyenne Lake	8
		Shiawassee	5
		Sibley Lake	8
		Silver Lake	8
		Simeonof	2
		Slade	8
		Smith Island	10
		Snake Creek	8
		Snake River	4
		Snyder Lake	8
		Springwater	8
		Squaw Creek	5
		Stewart Lake	8
		Stillwater	6
		Stoney Slough	8
		Storm Lake	8
		Strawberry Valley	10
		Stump Lake	8
		Sullys Hill	8
		Sunburst Lake	8
		Susquehanna	5
		Sutter	3
		Swan Lake	5
		Swanquarter	7
		Tamarac	5
		Tennessee	9
		Tewaukon	8
		Three Arch Rocks	9
		Tishomingo	8
		Tomahawk	8
		Trempealeau	10
		Troy Meadows	6
		Tule Lake	3
		Turnbull	10
		Tuxedni	2
		Tybee	3
		Union Slough	4
		Upper Klamath	9
		Upper Miss. River	4, 5, 10
		Upper Souris	8
		Valentine	6
		Wapanocca	2
		Washita	8
		Waubay	9
		Wertheim	7
		West Sister Island	8
		Wheeler	2
		White Lake	8
		White River	2
		Wichita Mountains	8
		Wild Horse	6
		Wild Rice Lake	8
		Willapa	10
		Willow Creek	6
		Willow Lake	8
		Winnemucca	6
		Wintering River	8
		Wolf Island	3
		Wood Lake	8
		Yazoo	5

UNITED STATES DEPARTMENT OF THE INTERIOR
Fish and Wildlife Service
Bureau of Sport Fisheries and Wildlife

1961 - STATUS OF NATIONAL WILDLIFE REFUGES

There have been 12 new refuges added during the 12 months, since June 30, 1960, the date on which the Directory of National Wildlife Refuges (WL-427) was based. These were as follows:

<u>State</u>	<u>Name</u>	<u>Class</u>	<u>Established</u>	<u>Acres</u>
Alaska	Arctic NW Range . . .	WR	12-6-60	8,900,000.0
	Clarence Rhode NW Range.	WR	12-6-60	1,890,000.0
	Izembek NW Range . .	WR	12-6-60	415,000.0
Arkansas	Wapanocca NWR	W	2-1-61	3,119.0
California	Kern NWR	W	9-16-60	10,543.9
	Modoc NWR	W	11-3-60	5,966.0
New Jersey	Great Swamp NWR . . .	W	11-3-60	860.0
New Mexico	Burford Lake NWR . .	W	7-1-60	2,000.0
North Carolina	Mackay Island NWR . .	W	12-30-60	4,183.6
Oklahoma	Washita NWR	W	4-15-61	8,200.0
Utah	Ouray NWR	W	11-22-60	1,089.4
Washington	San Juan NWR	G	12-24-60	52.0

The classification of National Wildlife Refuges as of June 30, 1961, was as follows:

		<u>Acres</u>
Migratory Bird Refuges (Waterfowl) . .	216	3,505,785
Migratory Bird Refuges (General) . . .	46	3,708,033
Big Game Refuges	14	5,518,409
Game Ranges	5	4,604,178
National Wildlife Ranges	<u>3</u>	<u>11,185,000</u>
TOTAL	284	28,521,405

In addition, there are 20 Waterfowl Production Areas or wetlands in 20 counties of North and South Dakota, with 7,773 acres. Two of these Waterfowl Production Areas--Day County, South Dakota, and LaMoure County, North Dakota--were included in the 1960 total. All Waterfowl Production Areas are now classed separately since Migratory Bird Conservation Commission approval for their acquisition is not required. All are composed of small scattered tracts which do not lend themselves to unit identification other than by county.

During the past fiscal year, three refuges were dropped. These were the 21,060-acre Salt River National Wildlife Refuge, Arizona, an overlay on a Bureau of Reclamation reservoir; the 14,070-acre Strawberry Valley National Wildlife Refuge, Utah, when control of this land passed from the United States; and the 8,960-acre Curry Bird Game and Fish Refuge in Alaska, which was no longer attractive to wildlife.

The acreage of some existing refuges has changed during the past year through additions or deletions. The following represent changes in excess of 100 acres:

<u>State</u>	<u>Name</u>	<u>Acres</u> <u>June 30, 1960</u>	<u>Acres</u> <u>June 30, 1961</u>
California	Salton Sea	37,326.7	36,506.8
Colorado	Monte Vista	11,581.4	12,401.4
Florida	National Key Deer	6,730.0	6,923.4
Georgia	Piedmont	32,074.9	32,396.2
Iowa	DeSoto	1,855.4	2,763.9
Kansas	Quivira	6,416.5	8,440.8
Minnesota	Mud Lake	60,772.6	61,009.2
	Tamarac	34,229.1	34,766.5
Mississippi	Yazoo	2,448.2	3,694.7
Montana	Lake Mason	18,883.0	18,173.0
New Jersey	Brigantine	12,854.5	13,110.8
New York	Oak Orchard	3,144.0	4,491.0
North Dakota	Chase Lake	1,921.7	4,384.6
	Florence Lake	668.9	1,810.7
	Stoney Slough	1,908.0	1,800.0
	Sullys Hill National Game Preserve	1,991.4	1,673.9
	Tewaukon	5,585.2	6,293.7
Oregon	Klamath Forest	584.9	15,225.9
Pennsylvania	Erie	1,558.8	2,727.7
South Dakota	Lake Andes	442.7	672.0
Vermont	Missisquoi	3,556.5	3,704.4
Washington	Columbia	27,693.3	27,861.3
	McNary	2,849.1	3,034.3
	Willapa	7,680.4	8,174.9